

Final

Meeting Minutes Transmittal/Approval Unit Manager's Meeting: 300-FF-1 Operable Unit Room 1200, 2440 Stevens Center Place, Richland, Washington February 16, 1995

FROM/APPROVAL:	Robert G. McLeod, 300-FF-1 Unit Manager, RL (H4-83)
APPROVAL:	Date 16 Mar 95 Dayld R. Einan, 300-FE-1 Unit Manager, EPA (B5-01)
APPROVAL:	Ted Wooley, 300-FF-1 Unit Manager, WA Department of Ecology
Meeting Minutes are a	attached. Minutes are comprised of the following:
Attachment #1 - Attachment #2 - Attachment #3 -	Meeting Summary/Summary of Commitments and Agreements Attendance List for 300 Areas Agenda
Attachment #4 -	Action Items Status List
Attachment #5 -	300 Area Unit Managers Meeting
Attachment #6 -	Schedules for the 300-FF-1 OU, 300-FF-5 OU, and 300 Area Process Trenches
Attachment #7 -	Concluding the 300-FF-1 Phase III Feasibility Study
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PREPARED BY:	Kay Kimmel, GSSC (B1-42) Date 3/14/95
CONCURRENCE BY:	Richard A. Carlson, BHI 300-FF-1 OU Coordinator (H6-01)
	Richard A. Carlson, BHI 300-FF-1 OU Coordinator (H6-01)2
	H6-03 M

Attachment #1 Meeting Summary Unit Manager's Meeting: 300-FF-1 Operable Unit February 16, 1995

1. SIGNING OF THE JANUARY 300-FF-1 MEETING MINUTES:

January minutes were reviewed and approved.

2. ACTION ITEM UPDATE (See Attachment #4):

No open action items.

3. NEW ACTION ITEMS (INITIATED February 16, 1995):

No new action items were initiated.

- 4. STATUS OF RI/FS ACTIVITIES: Rich Carlson provided the Operable Unit status (see Attachments #5 and #6).
 - Phase III Feasibility Study (FS) Report Rich Carlson provided a copy of the overheads used in the January 26, 1995 presentation on the changes made in the latest revision of the Phase III FS report (Attachment #7). Dave Einan indicated EPA comments will be submitted on February 17, 1995. Ted Wooley noted that Doug Wells, of the Department of Health, had additional parameters to be used in the RESRAD model. Bob McLeod requested the parameter changes before rerunning the model.
 - <u>Proposed Plan</u> R. Carlson noted the Proposed Plan is currently undergoing technical editing efforts.

5. INFORMATION ITEMS:

- 300 Area Process Trenches (APT) Closure Plan T. Wooley noted he had the complete Notice
 of Deficiency responses, except for the information to be supplied by Jeff Lerch. He noted
 internal discussions on groundwater protection were being held and that these should be resolved
 in the near future. R. Carlson noted that comments are due 06 March 1995.
- 300 APT Part A Permit R. Carlson noted that vanadium pentoxide and formic acid were not disposed at the 300APT, therefore no modification of the Part A Permit will be required to include these chemicals.
- Next CERCLA Unit Manager Meeting The next meetings are scheduled for:

March 16, 1995 April 19, 1995 May 18, 1995 June 22, 1995 July 20, 1995 August 23, 1995 September 21, 1995

Attachment #2

300 Aggregate Area: Operable Unit Manager's Meeting Official Attendance Record February 16, 1995

Please print clearly and use black ink

PRINTED NAME	ORGANIZATION	O.U. ROLE	MSIN	TELEPHONE
Larry Hulstoom	ITH BHT	ov coordinator	H6-01	376 - 4004
- in the city	Eulesy	u.c.		736-312
Section 1 Leave to	U5GS	EPA Supert		206 593 6510
-1)121125 pc K/2	ERC	Support, B	17 H4-79	(509) 375-948
Bab 191200A	DOE	u,m.		(509) 372-009
Richard A Carlson	ERC	FF-1/5 Task Loo	l 46-03	(509) 376-502
HASSANEL-BIETARZ	BHI	TPA COONDINATOR	H6-79	372-9/24
DINA L. MURPHY	DOE/EAP	TPA Support	A5.15	373-9851
JAMES ZEISLOFT	DOE (EAP	TPX SUPPORT	A5-15	373-1068
Dave Einan	EPA	Unn	B5-01	376-3883
Glunn Von Sickle	BHI	Fro, Man	46-05	372-3370
Kurt D Lyss	ITH	FF-2 Task Lead		373-9647
Sent Sor	Ecolosic	0.22	***************************************	736-3049
KAY KIMMEL	MACTEC	RLSUPPORT	B1-42	946-3692
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Attachment #3

Page 1 of 1

Meeting Agenda

Unit Manager's Meeting: 300-FF-1 Operable Unit February 16, 1995

- o Action Items
- o Phase III FS Report
- o Proposed Plan
- o 300 Area Process Trenches Closure Plan
- o Forecasted and Other Activities

Page 1 of 1

Attachment #4

Action Item Status List

Unit Manager's Meeting: 300-FF-1 Operable Unit February 16, 1995

ITEM NO.	ACTION	STATUS

No action items.

Unit Manager's Meeting: 300-FF-1 Operable Unit February 16, 1995

- 1. Action Items
 - o Currently no open action items
- 2. Phase III FS Report
 - o DOE/Regulator Briefing on Redline Changes (Presentation Attached)
 - o Redline of Key Revised Sections Submitted for DOE/Regulatory Review
 - o Schedule
- 3. Proposed Plan
 - o DOE Comments Received, Incorporated, Redline in DOE review
 - o Schedule
- 4. 300 Area Process Trenches Closure Plan
 - o NOD Response Table Submitted to DOE for DOE/Regulator Review
 - o Document Redline Submitted to DOE for DOE/Regulator Review
 - o Contained-In Memo; DOE/WHC comments being incorporated
 - o Schedule
- 5. Forecasted and Other Activities
 - o Public Review Process
 - o Remedial Design

Activity ID	Activity Description	Percent complete	IPUN District	DEC JAN FEB MAR APR MAY JUN JUL
	UMENT - TASK 1P21140A0A			85.1219262.9.1623506.1320276.1320273.11017241.8.11522295.11219269.11011
SA0050	REWRITE-INCORPORATE COMMENTS IN FS III	96	P211A	
SA0055	DELIVER FINAL FS III TO DOE	0	P211A	14FEB95 <u>⊠</u> 13FEB95
ART VEND SA0075	DOR TEST-TASK 1P21140B0A	100	P211F	EC94A20DEC94A
	D PLAN - TASK 1P21140C0A PREPARE DRAFT FOR BHI REVIEW	100	P211G	■▼06DEC94A
SA0110	BHI REVIEW	100	P211G	22DEC94A
SA0115	BHI COMMENTS INCORPORATED AND REVISED	100	P211G	09JAN95A
SA0120	SUBMIT FOR DOE REVIEW	100	P211G	09JAN95A09JAN95A
SA0125	DOE REVIEW	100	P211G	10JAN95A 17JAN 95A
SA0130	DOE COMMENTS INCORPORATED AND REVISED	95	P211G	17JAN95A
SA0135	TRANSMIT TO DOE	0	P211G	, <u> </u>
SA0140	DOE TRANSMITS TO REGULATORS	0	P211G	1
SA0145	REGULATOR REVIEW	0	P211G	2 1FEB95 <u>△</u>
SA0150	INCORPORATE REGULATOR COMMENTS AND	0	P211G	21FEB95 <u>△</u>
A0155	TRANSMIT FINAL PROPOSED PLAN TO DOE	0	P211G	17APR95☑17APR95
SA0160	DOE TRANS TO REG. FOR PUBLIC REV FY95-PM-022	0	P211G	03MAY95 <u>™</u> 02MAY95
A0165	PUBLIC REVIEW	0	P211G	· · · · · · · · · · · · · · · · · · ·
A0170	PUBLIC MEETING	0	P211G	30MAY95∑/30MAY95
SA0175	SUPPORT FOR ROD ISSUE	o	P211G	19JUN95
URVEILA	INCE - TASK 1P21140D0A MOVE REGULATED EQUIPMENT			
SA0085		50	P211J	
	SURVEILANCE ACTIVITY - CONTINUOUS	34	P211J	
A0225	TRENCH CLOSURE - TASK 1P21140E0A ESTABLISH ADMINISTRATIVE RELIEF FOR CLOSURE PLAN	100	P211K	22DEC94A
roject Start roject Finish	01JUL94			BECHTEL HANFORD INCORPORATED Sheet 1 of 2 Delte Revision (a) 5 155 (COD)
lata Dale ioi Dale (c) Primavace	03FEB95 08FEB95 Critical Activity		EN	TVIRONMENTAL RESTORATION PROJECT 300-FF-1 OPERABLE UNIT

Activity	Activity Description	Percent complete	IPCN	DEC JAN FEB MAR APR MAY JUN JUL JUL JUL 3 162350 6 1320 27 6 1320 27 8 10 17 24 1 8 1522 29 5 12 19 26 3 10 17 24 5
PH2 RI/FS SC0390	3 - TASK 1P25140A0A RESOLVE DOE COMMENTS	100	P254A	22DEC94A
SC0395	PREPARE DRAFT A RI/FS	100	P254A	
SC0400	BHI TRANSMIT TO DOE	100	P254A	13JAN95A #13JAN95A
SC0405	DOE TRANSMITS TO REGULATORS(TPA M/S M-15-04B/C)	100	P254A	19JAN95A19JAN95A
SC0410	EPA / ECOLOGY REVIEW	31	P254A	20JAN95A 000000000000000000000000000000000000
SC0415	RESOLVE EPA/ECOLOGY COMMENTS	0	P254A	08MAR95A▲
SC0420	INCORPORATE COMMENTS, ISSUE RI/FS		P254A	24MAR95 <u>∧</u> 13APR95
PROPOSE	DPLAN - TASK 1P25140B0A	en de la estado	E CONTRACTOR	, grown programmer of the control of
SC0440	RESOLVE DOE COMMENTS	100	P2541	22DEC94A
SC0445	PREPARE REVISED PROPOSED PLAN	100	P2541	22DEC94A
SC0450	BHI TRANSMIT TO DOE	100	P2541	13.IAN95A ≠13.IAN95A
SC0455	DOE TRANSMIT TO REGULATORS	100	P2541	19JAN95A 19JAN95A
SC0460	REGULATOR REVIEW	34	P2541	19JAN95A 706MAR95
SC0465	RESOLVE REGULATOR COMMENTS	0	P2541	07MAR95△
SC0470	INCORPORATE COMMENTS & ISSUE FINAL PLAN TO	0	P2541	23MAR95
SC0475	DOE TRANSMITS TO REGULATORS FOR PUBLIC REVIEW	0	P2541	13APR95 <u></u>
SC0480	PUBLIC REVIEW	 0	P2541	27APR95△
SC0485	PUBLIC MEETING	0	P2541	18MAY95.⊘18MAY95
SC0490	SUPPORT FOR ROD ISSUE	0	P2541	13JUN95△
	ANALYSIS - TASK 1P25140C0A			**
	PREPARE ROUND 9 SAMPLING PLAN	0	P2542	03APR95*△
SC0684	DISCUSS ROUND 9 W/REGULATORS	0	P2542	20APR95 ද්ද
SC0686	PREPARE TASK ORDER FOR ANALYTICAL SERVICES	0	P2542	03APR95△
SC0689	PREPARE FOR SAMPLING	0	P2542	09MAY95 _Δ ∇01JUN95 ω
SC0695	ROUND 9 SAMPLING	O	P2542	02JUN95
Project Start Project Finish Data Date Plot Date (c) Primavers	O1JUL94 11FEB98 03FEB95 05FEB95 Systems, Inc.			Sheet 1 of 2 3300-95-002 Rev 9 Date Revision Chacked 'Appro' ONMENTAL RESTORATION PROJECT 300-FF-5 OPERABLE UNIT

Activity	Activity (1997)	i	1 119 1 10	a Jaar 199	Ţart.		1.0			1.	1 1		er e se la p	. 1	995		1.5			
ID	Description	26	JAN	FEB		MAR	, ,	APR	4	, h	AAY	2 20	JUN 5 ,12 ,19	76		JUL	24	14-7	AUG	28 /
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APT-120	BHI REVIEW TABLE & REDLINE		23JAN95A	30JAN95A					1			1					1			:
APT-130	INCORPORATE BHI COMMENTS		31JAN95A	∵ 09FE6	395				! !			1						 		1 1
APT-170	SUBMIT NOD TABLE & REDLINE TO DOE		10FE	95⊿710FE	В95				1			1] 		
APT-180	DOE TRANSMIT NOD TABLE & ROLN TO DOE & REGULATOR		13F	B95 <u>∧</u> ⊽17	7FE	395						1						! !		1
APT-190	REGULATOR & DOE REVIEW TABLE & REDLINE		į į	DFEB95∆	_	13MAR	95											1		
APT-200	INCORPORATE REGULATOR & DOE COMMENTS	1		1	4MA	\R95 <u>∆</u>	Z/301	MAR95	1			1						! ! !		1
APT-210	SUBMIT ADVANCE REVIEW RELINE & NOD TABLE TO DOE	1			;	31MAR95	<u>⊿</u> 31∣	MAR95	;			1						1		
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APT-230	REGULATOR ADVANCE REV PERIOD				;	14	APR!	95/			⊽12M	4Y95]]		
APT-240	PUBLIC REVIEW	+						1	5MA	Y95	δΔ	- 1		===				<u>+</u> \(\sqrt{0} \)	4AUG95	- T
APT-250	PUBLIC MEETING		I I I		•				1	30	MAY9	5*⊿ू	30MAY95					1 1		

#6/Page 3 of 3

Project Start 04JAN95
Project Finish 04AUG95
Data Date 03FE995
Plot Data 04FE995
(c) Primavera Systems, Inc.

☐ ☐ Early Bar
Progress Bar
Critical Activity

Bechtel Hanford Incorporated 300 Area Process Trench Schedule Subproject Schedule 3300-95-006 Rev. 2

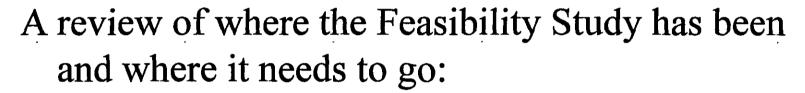
Date Revision

(afa (** ISSELCO)

Concluding the 300-FF-1 Phase III Feasibility Study

Richard A. Carlson January 26, 1995

Bechtel Hanford, Inc.



- Status of document
- Changes from the redline
- Changes from internal reviews
- Conclusions
- Recommendations

Status of Document

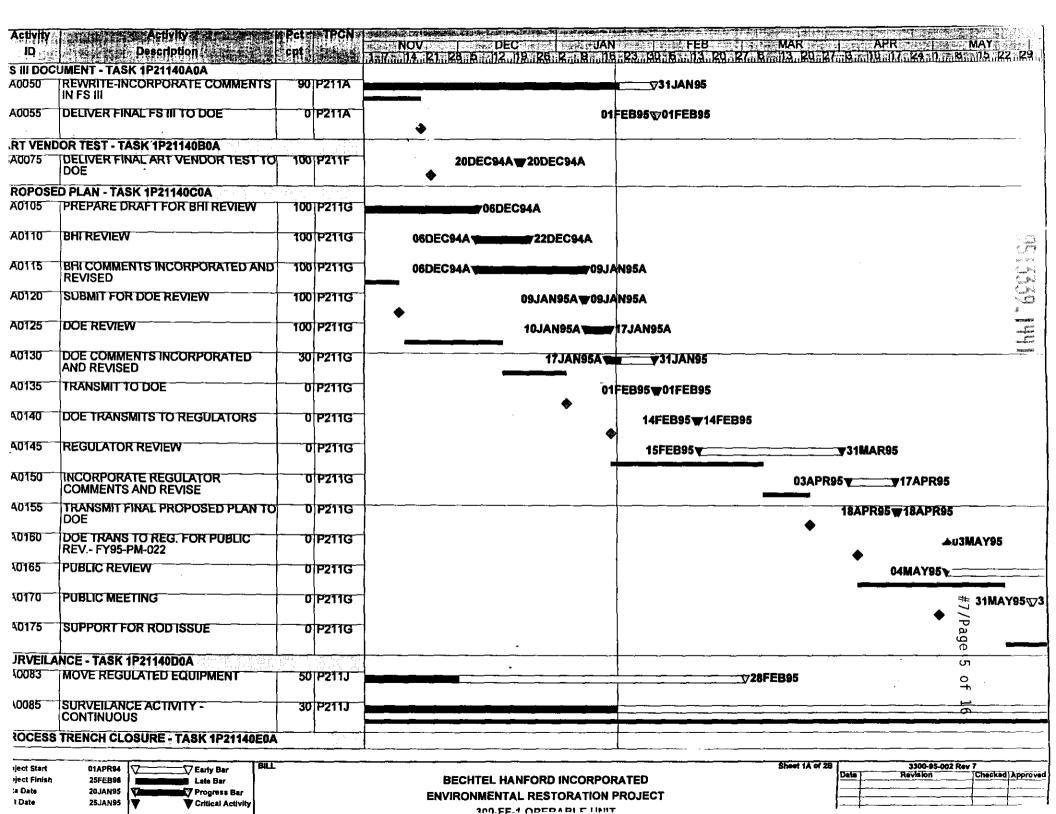
This is where the document is at:

- The schedule is becoming critical
- Reviewed by DOE/EPA/Ecology
- Redline comments addressed (finalizing Appendix G)
- FF-1/FF-5 consistency review complete
- This briefing will bring everyone up to speed

Schedule

The FS is behind schedule with Project Impacts Pending.

- Integrated public review of FF-1/FF-5 and the 300 APT/CP is driving the schedule.
- Regulator reviewof the Proposed Plan will slip day by day starting February 1.
- Public review of the Proposed Plan will slip day by day starting February 10.



Changes from Redline

These are the significant redline changes:

- Hydrogeology Section revised to be consistent with 300-FF-5
- "Contained-in" wording added
- Removed rail transport, added trucks
- Removal of ERDF details
- NRDA added
- Appendix G revised

Appendix G Revisions

Appendix G, revisions conclude no future unacceptable impacts to groundwater.

- Qualitative Evaluation of Parameters:
 - Hydraulic head
 - Net recharge
 - Current groundwater quality
 - Depth to groundwater
 - Characteristics of vadose zone

Appendix G Revisions

- Contaminant characteristics
- Other constituents that could affect mobility
- Topography
- Total contaminant load
- Volumetric groundwater flow rate
- Uncertainty of data and assumptions

Appendix G Revisions

Appendix G revisions conclude no future unacceptable impacts to groundwater.

- RESRAD Modeling Results:
 - Used DOH acceptable parameters
 - Substituted key 300-FF-5 parameters
 - No significant impacts from U for 800 years

Changes from Internal Reviews

BHI performed consistency reviews resulting in the following significant changes:

- Modified RCRA barrier removed
- Appendix G revised /
- Some alternatives changed
- Costs of alternatives including RCRA barrier reduced

Revised Alternative Cost Estimates

P1	No action	\$1.	.600
 	~ 10 444-011	~	,

■ P2a Soil cover \$7,200

■ P2b Consolidation and soil cover \$4,600

■ P-3 Excavation and disposal \$18,600

■ P-4 Excavation, soil washing, and final disposal \$21,600

■ B-1 No action \$1,900

■ B-2 Institutional controls \$1,900

■ B-3 Consolidation and soil cover \$3,800

■ B-4 Excavation and disposal \$24,200

^{*} dollars in thousands

Changes to Alternatives

Alternative changes resulting from Appendix G conclusions:

- Two alternatives were removed
- Institutional controls for process waste units is discussed

Changes to Alternatives

Analyses of groundwater from Appendix G indicates no need for additional remediation to protect groundwater, however direct exposure must still be addressed.

- Removed alternatives are:
 - P-3b Excavation and disposal of all contaminants
 - B-4b Excavation and disposal of all contaminants

Conclusions

The 300-FF-1 FS III has been reviewed, revised, and is ready for acceptance:

- The FS must be concluded to maintain the public review schedule
- DOE and regulator redline comments addressed (finalizing Appendix G)
- FF-1/FF-5 consistency review complete
- Technical editing complete on January 30, 1995

Recommendations

Recommend this briefing, coupled with limited review of select sections (if necessary), achieve document acceptance.

- Suggested sections for limited review:
 - Chapters 4, 6 and 7
 - Appendices G, H and K

Recommended Schedule

This is the proposed schedule for the limited review.

- BHI issue sections for concurrent DOE/regulator review 1/31/95
- DOE/regulator review 1/31/95 to 2/6/95
- BHI revise document accordingly and issue 2/10/95

1/26/9

Distribution

Unit Manager's Meeting: 300-FF-1 Operable Unit February 16, 1995

Robert G. McLeod	DOE-RL, ERD (H4-83) DOE-HQ (EM-442)
Chuck Cline	
Lynn Albin	EPA (B5-01)
Jim Pankanin	PRC
Glenn Van Sickle Rich Carlson R. Scott Hajner Andrea Hopkins Diana Sickle Alvina Goforth Kay Kimmel Tom Page (Please route to:) Cheryl Thornhill Mark Hanson PNL (K1-19) PNL (K1-51)	BHI (H6-01) BHI (H4-79) BHI (H4-79) BHI (H6-27) BHI (H6-08) MAC (B1-42) PNL (K1-31)

Original Sent To: ADMINISTRATIVE RECORD: 300-FF-1 OU and 300 APT Care of EDMC, WHC (H6-08)

Please inform Kay Kimmel (946-3692), Mactec/Dames & Moore (MSIN B1-42) of deletions or additions to the distribution list.